



02-03-00

A  
PTO/SB/05 (2/98) (modified)Approved for use through 9/30/2000, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# NEW UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under  
37 CFR 1.53(b))

Attorney Docket Number

4648

PTO

First Named Inventor

Richard Leinfellner

S.

Total Pages in this  
Submission

46

D.

Express Mail Label No.

EL417726141US

2.

1.  Fee Transmittal Form (in duplicate)  
 Check Enclosed

2.  Specification  
*(preferred arrangement set forth below)*

- Descriptive Title of the Invention
- Cross Reference(s) to Related Case(s)
- Statement Regarding Fed sponsored R & D
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawing(s)
- Detailed Description
- Claim or Claims
- Abstract of the Disclosure

3.  Drawing(s) (*when necessary per 35 USC 113*)

4. Oath or Declaration
 

- a.  New Declaration  
 Executed
- b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*
  - i.  DELETION OF INVENTOR(S)  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5.  Incorporation by Reference (*useable if Box 4b is checked*). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## ACCOMPANYING APPLICATION PARTS

6.  Assignment & Assignment Recordation Cover Sheet

7.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*

8.  Information Disclosure Statement & PTO-1449
 

- Copies of IDS Citation(s)

9.  Preliminary Amendment

10. Small Entity Statement
 

- New Statement enclosed
- Statement filed in prior application. Status still proper and desired

11.  Return Postcard

12.  \_\_\_\_\_

13.  \_\_\_\_\_

14.  \_\_\_\_\_

15.  \_\_\_\_\_

16.  \_\_\_\_\_

## ADDRESS TO:

Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, D.C. 20231

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

NAME	Dana S. Rao Fenwick & West LLP			
ADDRESS	Two Palo Alto Square			
CITY	Palo Alto	STATE	CA	ZIP CODE
COUNTRY	U.S.A.	TELEPHONE	(650) 858-7816	FAX (650) 494-1417
Name (Print/Type)	Dana S. Rao		Registration No. (Attorney/Agent)	43,875
Signature			Date	2/1/00

0002/PTO(modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	<i>Complete if Known</i>	
<b>FEES TRANSMITTAL</b>		Application Number	Not Yet Known
<b>TOTAL AMOUNT OF PAYMENT</b>		Filing Date	February 1, 2000
Subtotal (1) + Subtotal (2) + Subtotal (3) = <b>(\$748)</b>		First Named Inventor	Richard Leinfellner
		Group Art Unit	Not Yet Known
		Examiner Name	Not Yet Known
		Attorney Docket Number	4648

<b>METHOD OF PAYMENT</b>		<b>FEES CALCULATION (continued)</b>																																																																																																																																																															
<b>1. The Commissioner is hereby authorized to:</b> <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. <sup>†</sup> <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> <th>Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month<sup>†</sup></td><td></td></tr> <tr><td>116/\$380</td><td>216/\$190</td><td>Extension for response within second month<sup>†</sup></td><td></td></tr> <tr><td>117/\$870</td><td>217/\$435</td><td>Extension for response within third month<sup>†</sup></td><td></td></tr> <tr><td>118/\$1,360</td><td>218/\$680</td><td>Extension for response within fourth month<sup>†</sup></td><td></td></tr> <tr><td>128/\$1,850</td><td>228/\$925</td><td>Extension for response within fifth month<sup>†</sup></td><td></td></tr> <tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>141/\$1,210</td><td>241/\$605</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142/\$1,210</td><td>242/\$605</td><td>Utility Issue Fee (Or Reissue)</td><td></td></tr> <tr><td>143/\$430</td><td>243/\$215</td><td>Design Issue Fee</td><td></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>148/\$690</td><td>246/\$345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149/\$690</td><td>249/\$345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Other fee (specify):</td><td></td><td></td></tr> <tr><td colspan="2" style="text-align: center;">Other fee (specify):</td><td></td><td></td></tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (1)</b> <b>(\$690)</b></td> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (3)</b> <b>(\$40)</b></td> </tr> <tr> <td colspan="2"> <b>2. CLAIMS</b>  <table border="1"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$18</td><td>203/\$9</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$78</td><td>202/\$39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$260</td><td>204/\$130</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$78</td><td>209/\$39</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$18</td><td>210/\$9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> </td> <td colspan="2"> <table border="1"> <thead> <tr> <th rowspan="2">For</th> <th rowspan="2">No. of Existing Claims</th> <th rowspan="2">Highest No. Previously Paid For</th> <th rowspan="2">Extra**</th> <th rowspan="2">Fee</th> <th>Fee Due</th> </tr> <tr> <th>(Col. 1)</th> <th>(Col. 2)</th> <th>(Col. 3)</th> <th></th> </tr> </thead> <tbody> <tr><td>TOTAL</td><td>21</td><td>20 or</td><td>=</td><td>18</td><td>= 18</td></tr> <tr><td>INDEP</td><td>3</td><td>3 or</td><td>=</td><td>0</td><td>= 0</td></tr> <tr><td colspan="6" style="text-align: center;">[ ] First presentation of multiple dependent claim</td></tr> </tbody> </table> </td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (2)</b> <b>(\$18)</b></td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: right;"><b>SUBTOTAL (2)</b> <b>(\$18)</b></td> </tr> <tr> <td colspan="2"> <b>SUBMITTED BY</b>          Typed or Printed Name <b>Dana S. Rao</b> </td> <td colspan="2" style="text-align: right;"><i>Complete (if applicable)</i></td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: right;">Reg. Number <b>43,875</b></td> </tr> <tr> <td>Signature</td> <td colspan="2"></td> <td>Date <b>2/1/00</b></td> </tr> </tbody> </table>		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath		127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet		147/\$2,520	147/\$2,520	For filing a request for reexamination		115/\$110	215/\$55	Extension for response within first month <sup>†</sup>		116/\$380	216/\$190	Extension for response within second month <sup>†</sup>		117/\$870	217/\$435	Extension for response within third month <sup>†</sup>		118/\$1,360	218/\$680	Extension for response within fourth month <sup>†</sup>		128/\$1,850	228/\$925	Extension for response within fifth month <sup>†</sup>		119/\$300	219/\$150	Notice of Appeal		141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application		142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)		143/\$430	243/\$215	Design Issue Fee		122/\$130	122/\$130	Petitions to the Commissioner		123/\$50	123/\$50	Petitions related to provisional applications		126/\$240	126/\$240	Submission of Information Disclosure Statement		581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	40	148/\$690	246/\$345	Filing a submission after final rejection (37 CFR 1.129(a))		149/\$690	249/\$345	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify):				Other fee (specify):				<b>SUBTOTAL (1)</b> <b>(\$690)</b>		<b>SUBTOTAL (3)</b> <b>(\$40)</b>		<b>2. CLAIMS</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$18</td><td>203/\$9</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$78</td><td>202/\$39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$260</td><td>204/\$130</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$78</td><td>209/\$39</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$18</td><td>210/\$9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	103/\$18	203/\$9	Claims in excess of 20	102/\$78	202/\$39	Independent claims in excess of 3	104/\$260	204/\$130	Multiple dependent claim	109/\$78	209/\$39	Reissue independent claims over original patent	110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent	<table border="1"> <thead> <tr> <th rowspan="2">For</th> <th rowspan="2">No. of Existing Claims</th> <th rowspan="2">Highest No. Previously Paid For</th> <th rowspan="2">Extra**</th> <th rowspan="2">Fee</th> <th>Fee Due</th> </tr> <tr> <th>(Col. 1)</th> <th>(Col. 2)</th> <th>(Col. 3)</th> <th></th> </tr> </thead> <tbody> <tr><td>TOTAL</td><td>21</td><td>20 or</td><td>=</td><td>18</td><td>= 18</td></tr> <tr><td>INDEP</td><td>3</td><td>3 or</td><td>=</td><td>0</td><td>= 0</td></tr> <tr><td colspan="6" style="text-align: center;">[ ] First presentation of multiple dependent claim</td></tr> </tbody> </table>		For	No. of Existing Claims	Highest No. Previously Paid For	Extra**	Fee	Fee Due	(Col. 1)	(Col. 2)	(Col. 3)		TOTAL	21	20 or	=	18	= 18	INDEP	3	3 or	=	0	= 0	[ ] First presentation of multiple dependent claim								<b>SUBTOTAL (2)</b> <b>(\$18)</b>				<b>SUBTOTAL (2)</b> <b>(\$18)</b>		<b>SUBMITTED BY</b> Typed or Printed Name <b>Dana S. Rao</b>		<i>Complete (if applicable)</i>				Reg. Number <b>43,875</b>		Signature			Date <b>2/1/00</b>
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																																																																																														
105/\$130	205/\$65	Surcharge - late filing fee or oath																																																																																																																																																															
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																															
147/\$2,520	147/\$2,520	For filing a request for reexamination																																																																																																																																																															
115/\$110	215/\$55	Extension for response within first month <sup>†</sup>																																																																																																																																																															
116/\$380	216/\$190	Extension for response within second month <sup>†</sup>																																																																																																																																																															
117/\$870	217/\$435	Extension for response within third month <sup>†</sup>																																																																																																																																																															
118/\$1,360	218/\$680	Extension for response within fourth month <sup>†</sup>																																																																																																																																																															
128/\$1,850	228/\$925	Extension for response within fifth month <sup>†</sup>																																																																																																																																																															
119/\$300	219/\$150	Notice of Appeal																																																																																																																																																															
141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application																																																																																																																																																															
142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)																																																																																																																																																															
143/\$430	243/\$215	Design Issue Fee																																																																																																																																																															
122/\$130	122/\$130	Petitions to the Commissioner																																																																																																																																																															
123/\$50	123/\$50	Petitions related to provisional applications																																																																																																																																																															
126/\$240	126/\$240	Submission of Information Disclosure Statement																																																																																																																																																															
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																														
148/\$690	246/\$345	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																															
149/\$690	249/\$345	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																															
Other fee (specify):																																																																																																																																																																	
Other fee (specify):																																																																																																																																																																	
<b>SUBTOTAL (1)</b> <b>(\$690)</b>		<b>SUBTOTAL (3)</b> <b>(\$40)</b>																																																																																																																																																															
<b>2. CLAIMS</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$18</td><td>203/\$9</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$78</td><td>202/\$39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$260</td><td>204/\$130</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$78</td><td>209/\$39</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$18</td><td>210/\$9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	103/\$18	203/\$9	Claims in excess of 20	102/\$78	202/\$39	Independent claims in excess of 3	104/\$260	204/\$130	Multiple dependent claim	109/\$78	209/\$39	Reissue independent claims over original patent	110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent	<table border="1"> <thead> <tr> <th rowspan="2">For</th> <th rowspan="2">No. of Existing Claims</th> <th rowspan="2">Highest No. Previously Paid For</th> <th rowspan="2">Extra**</th> <th rowspan="2">Fee</th> <th>Fee Due</th> </tr> <tr> <th>(Col. 1)</th> <th>(Col. 2)</th> <th>(Col. 3)</th> <th></th> </tr> </thead> <tbody> <tr><td>TOTAL</td><td>21</td><td>20 or</td><td>=</td><td>18</td><td>= 18</td></tr> <tr><td>INDEP</td><td>3</td><td>3 or</td><td>=</td><td>0</td><td>= 0</td></tr> <tr><td colspan="6" style="text-align: center;">[ ] First presentation of multiple dependent claim</td></tr> </tbody> </table>		For	No. of Existing Claims	Highest No. Previously Paid For	Extra**	Fee	Fee Due	(Col. 1)	(Col. 2)	(Col. 3)		TOTAL	21	20 or	=	18	= 18	INDEP	3	3 or	=	0	= 0	[ ] First presentation of multiple dependent claim																																																																																																																					
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description																																																																																																																																																															
103/\$18	203/\$9	Claims in excess of 20																																																																																																																																																															
102/\$78	202/\$39	Independent claims in excess of 3																																																																																																																																																															
104/\$260	204/\$130	Multiple dependent claim																																																																																																																																																															
109/\$78	209/\$39	Reissue independent claims over original patent																																																																																																																																																															
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent																																																																																																																																																															
For	No. of Existing Claims	Highest No. Previously Paid For	Extra**	Fee	Fee Due																																																																																																																																																												
					(Col. 1)	(Col. 2)	(Col. 3)																																																																																																																																																										
TOTAL	21	20 or	=	18	= 18																																																																																																																																																												
INDEP	3	3 or	=	0	= 0																																																																																																																																																												
[ ] First presentation of multiple dependent claim																																																																																																																																																																	
		<b>SUBTOTAL (2)</b> <b>(\$18)</b>																																																																																																																																																															
		<b>SUBTOTAL (2)</b> <b>(\$18)</b>																																																																																																																																																															
<b>SUBMITTED BY</b> Typed or Printed Name <b>Dana S. Rao</b>		<i>Complete (if applicable)</i>																																																																																																																																																															
		Reg. Number <b>43,875</b>																																																																																																																																																															
Signature			Date <b>2/1/00</b>																																																																																																																																																														

<sup>†</sup>Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby  
 Rev. 11/04/99